

Fig. 1

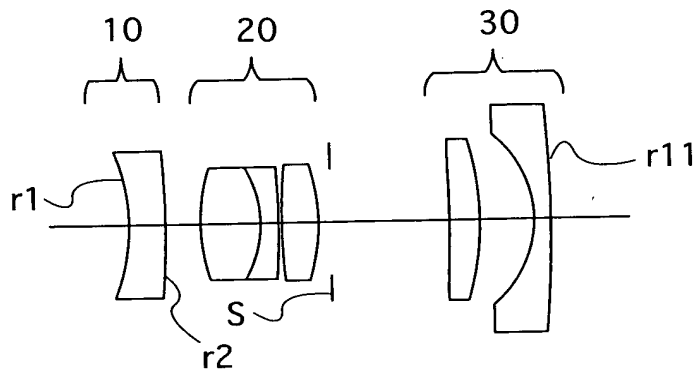


Fig.2A

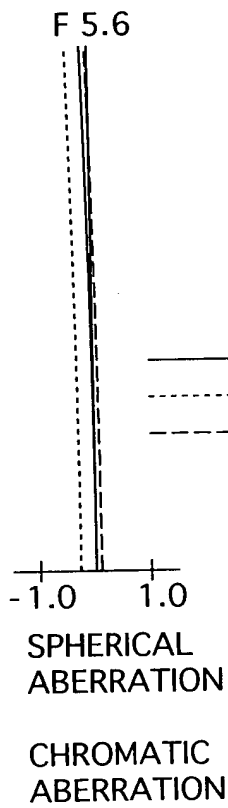


Fig.2B

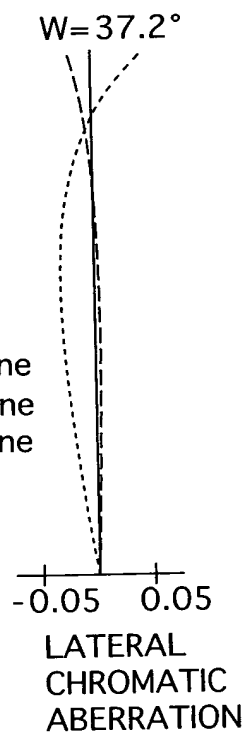


Fig.2C

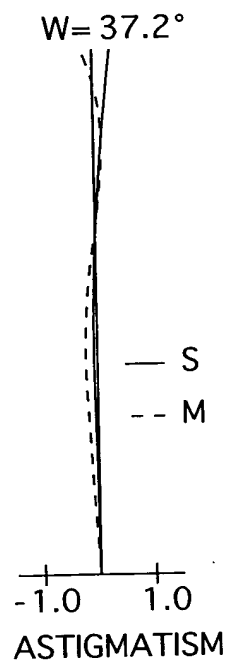


Fig.2D

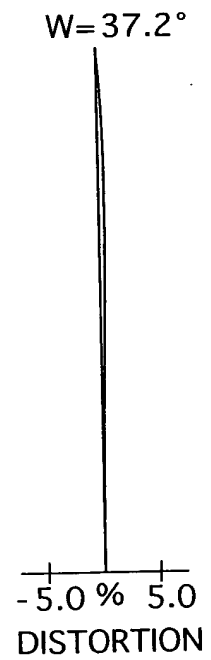


Fig. 3

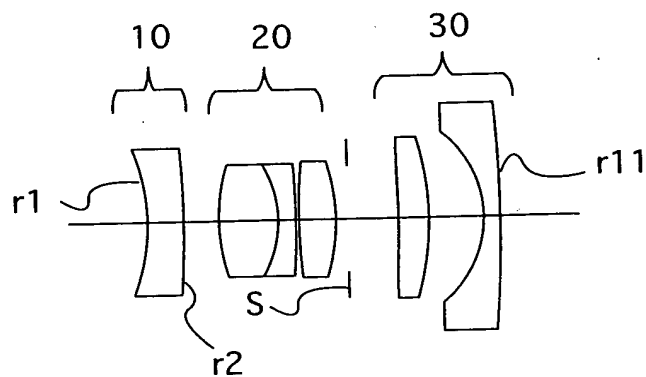


Fig.4A

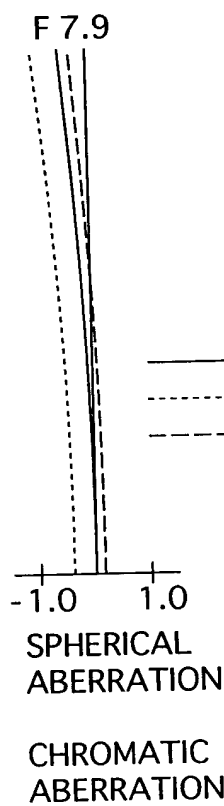


Fig.4B

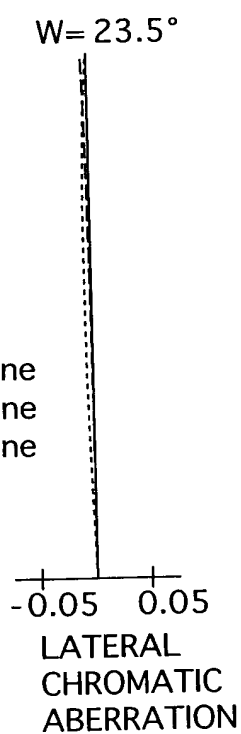


Fig.4C

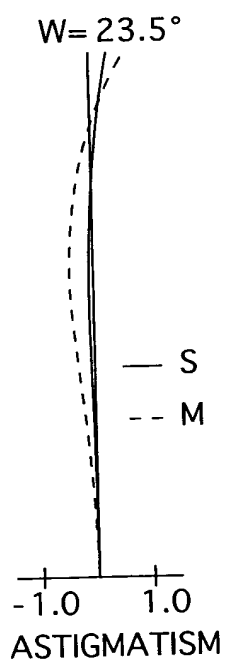
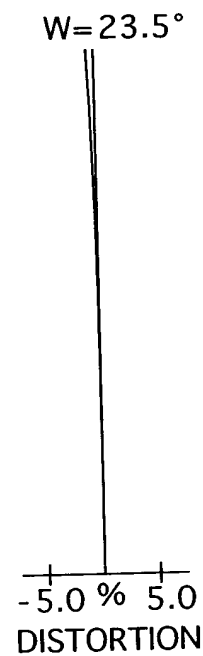
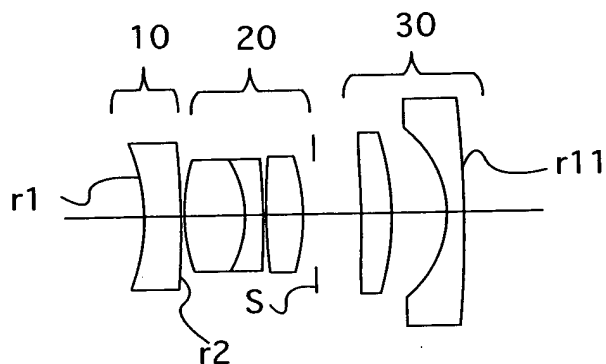


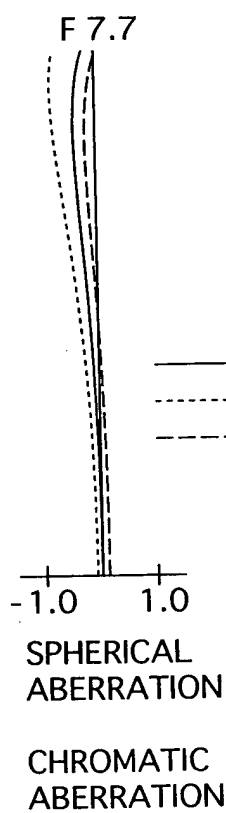
Fig.4D



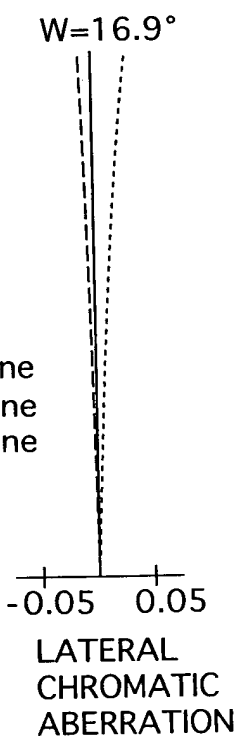
# Fig. 5



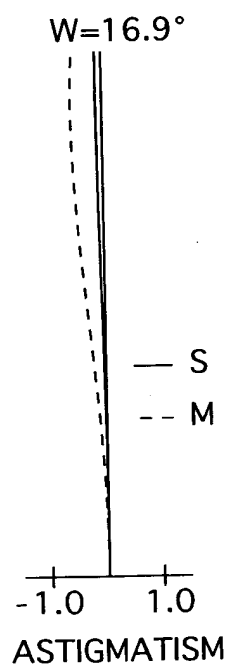
## Fig. 6A



## Fig. 6B



## Fig. 6C



## Fig. 6D

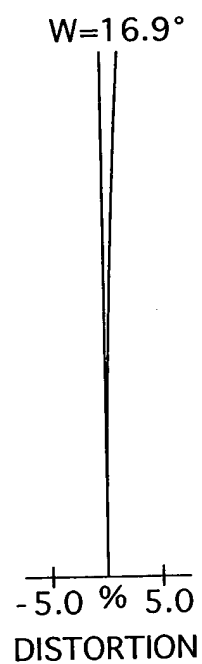


Fig. 7

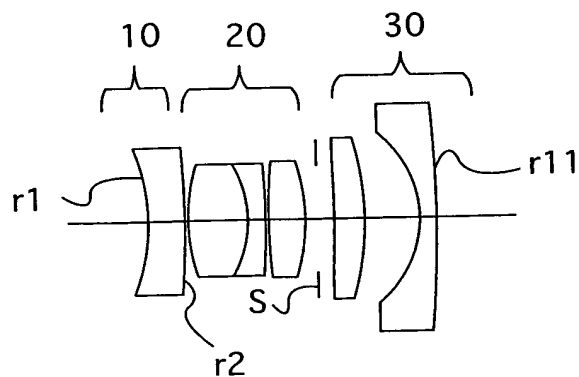


Fig. 8A

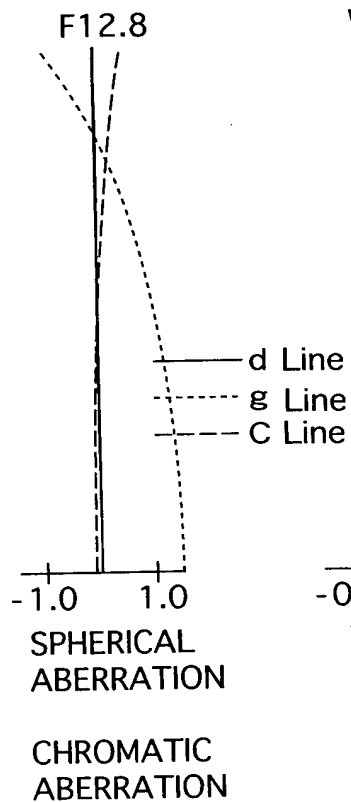


Fig. 8B

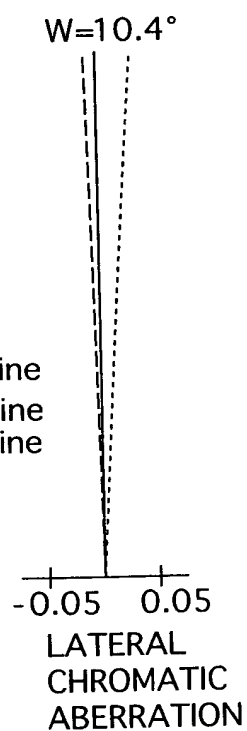


Fig. 8C

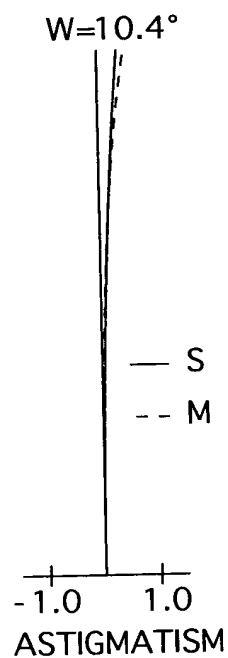


Fig. 8D

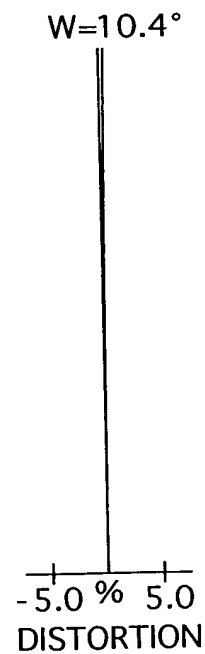


Fig. 9

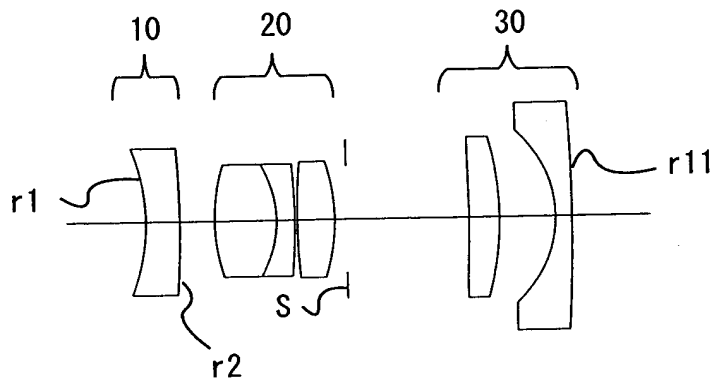


Fig.10A

Fig.10B

Fig.10C

Fig.10D

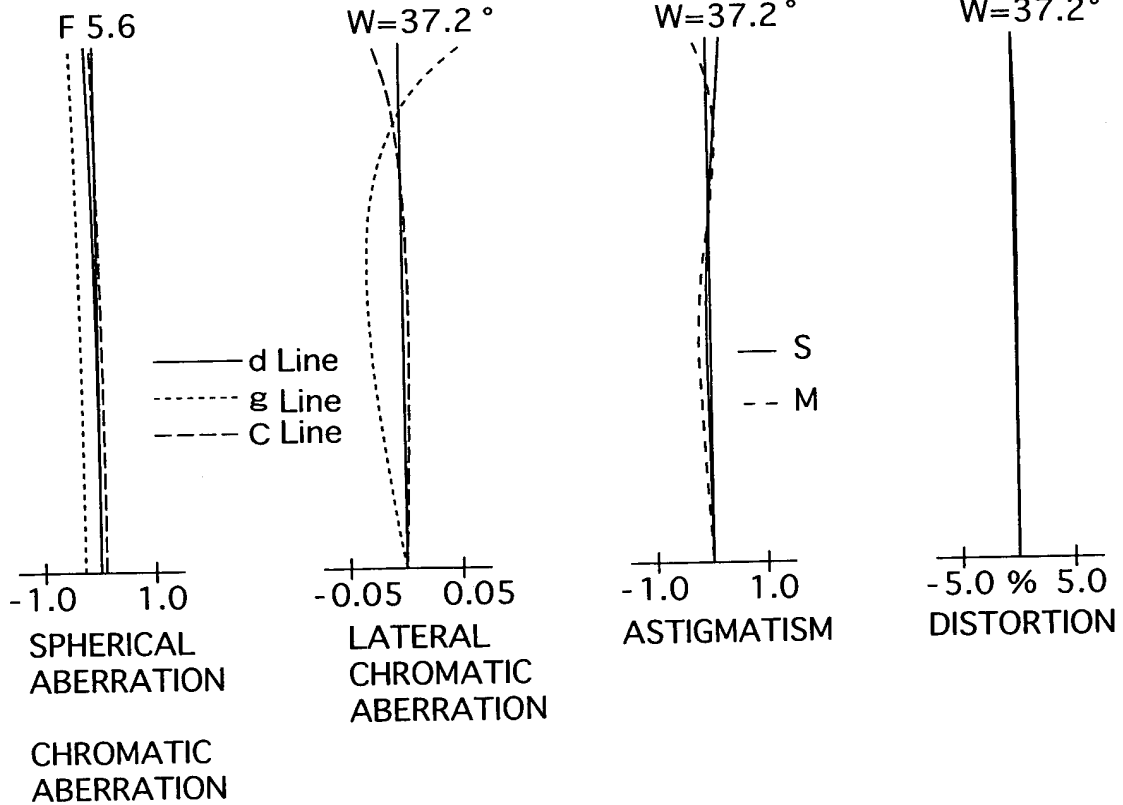
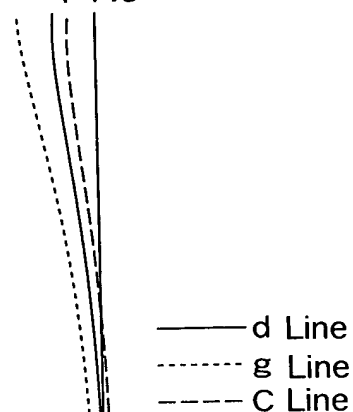


Fig.1 1A

**F 7.8**

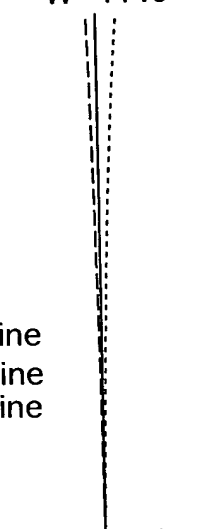


A horizontal number line with tick marks at -1.0, 0.0, and 1.0. A point is marked with a vertical line at 0.5.

## SPHERICAL ABERRATION

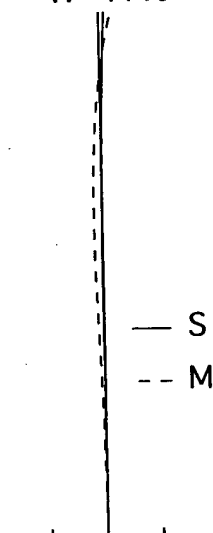
## CHROMATIC ABERRATION

Fig.1 1 B

$$W = 17.0^\circ$$


## LATERAL CHROMATIC ABERRATION

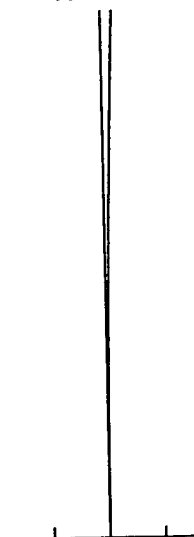
Fig.1 1C

$$W = 17.0^\circ$$


A horizontal number line with arrows at both ends. There are three major tick marks labeled -1.0, 0.5, and 1.0. The tick mark for 0.5 is located exactly halfway between the tick marks for -1.0 and 1.0.

## ASTIGMATISM

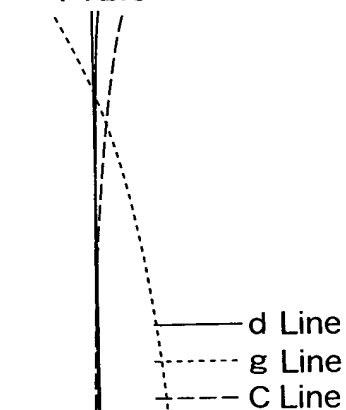
Fig.1 1 D

$$W = 17.0^\circ$$


## DISTORTION

Fig.1 2A

F12.8

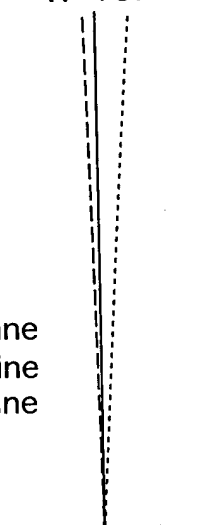


A horizontal number line with tick marks at -1.0, 0.5, and 1.0. The tick mark at 0.5 is labeled with a vertical line and the number 0.5.

## SPHERICAL ABERRATION

## CHROMATIC ABERRATION

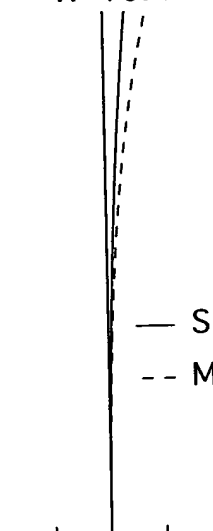
Fig.1 2B

$$W=10.4^\circ$$


A horizontal number line with arrows at both ends. There are three tick marks. The leftmost tick mark is labeled  $-0.05$ , the middle tick mark is labeled  $0$ , and the rightmost tick mark is labeled  $0.05$ .

## LATERAL CHROMATIC ABERRATION

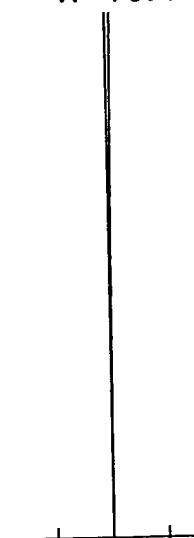
Fig.1 2C

$$W=10.4^\circ$$


-1.0 1.0

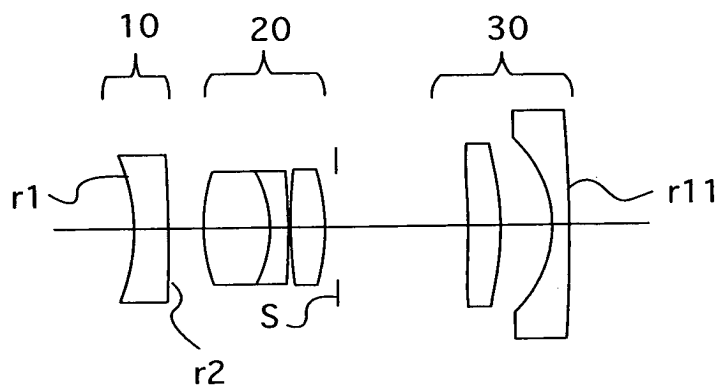
## ASTIGMATISM

Fig.1 2D

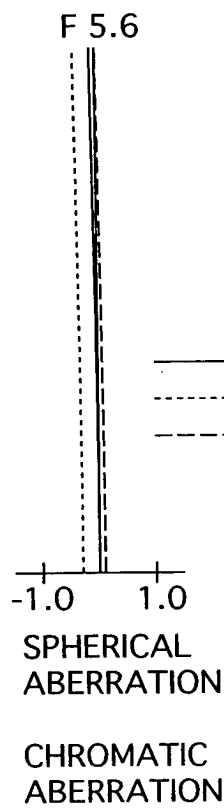
$$W=10.4^\circ$$


## DISTORTION

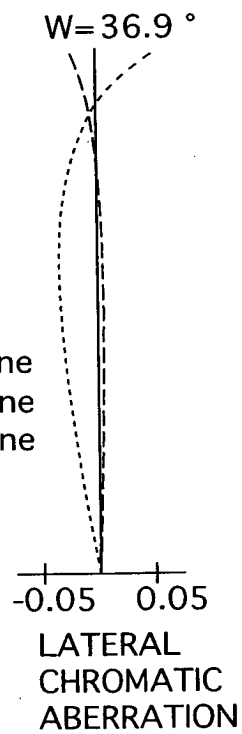
# Fig. 13



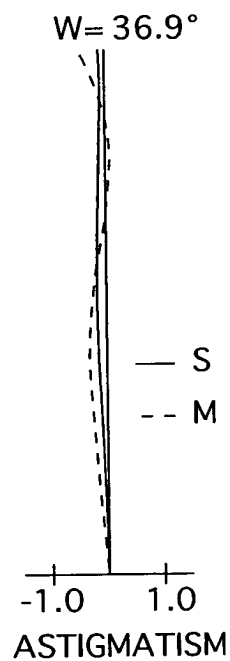
## Fig.14A



## Fig.14B



## Fig.14C



## Fig.14D

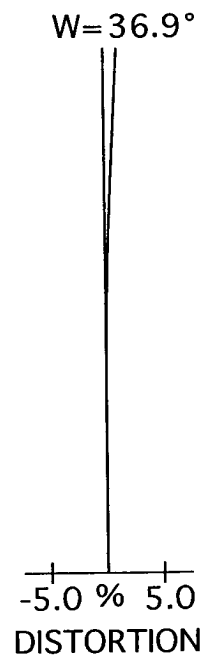


Fig.15A

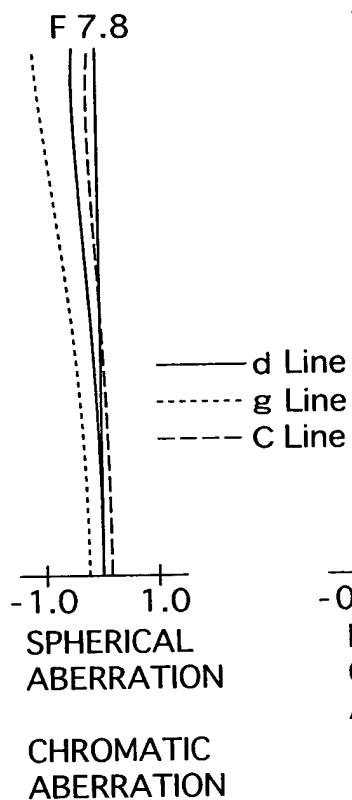


Fig.15B

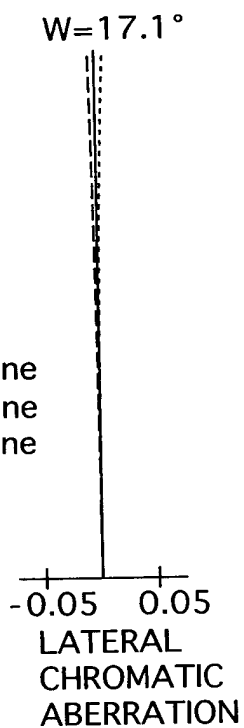


Fig.15C

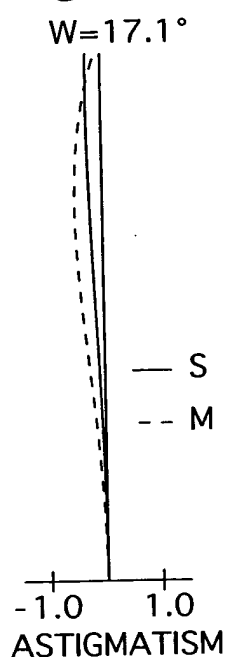


Fig.15D

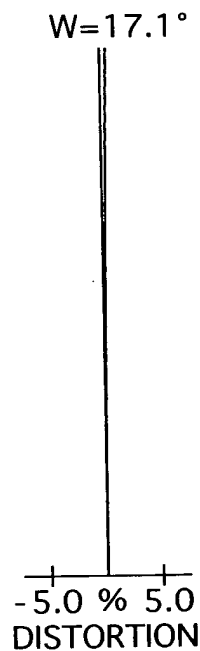


Fig.16A

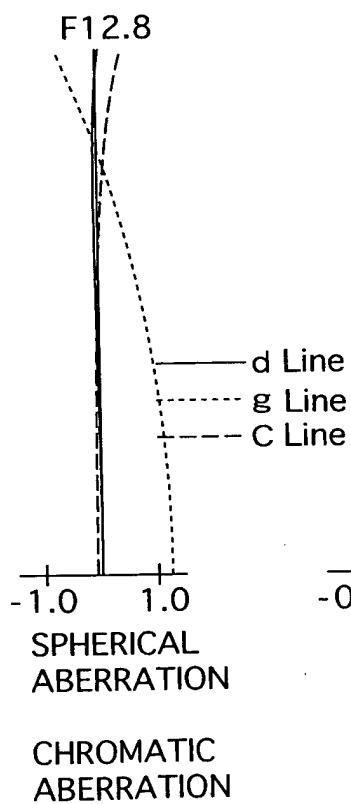


Fig.16B

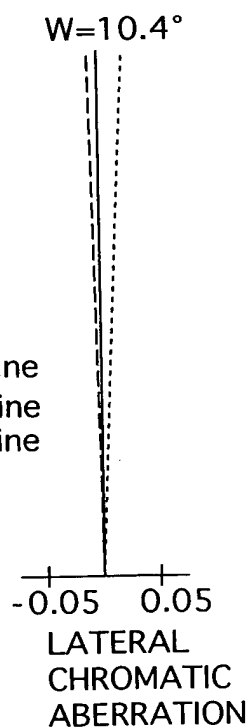


Fig.16C

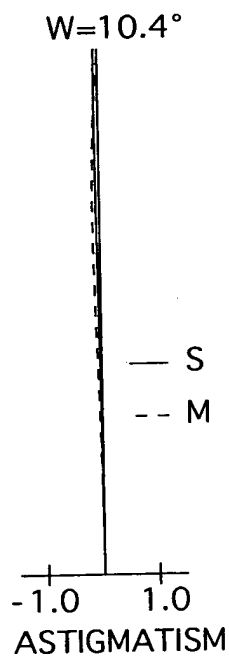


Fig.16D

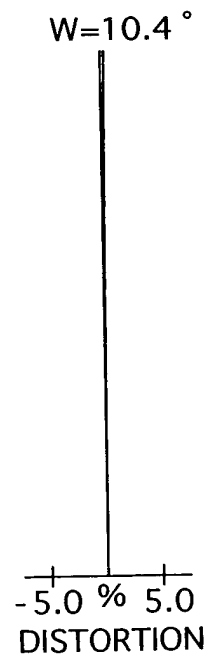




Fig. 17

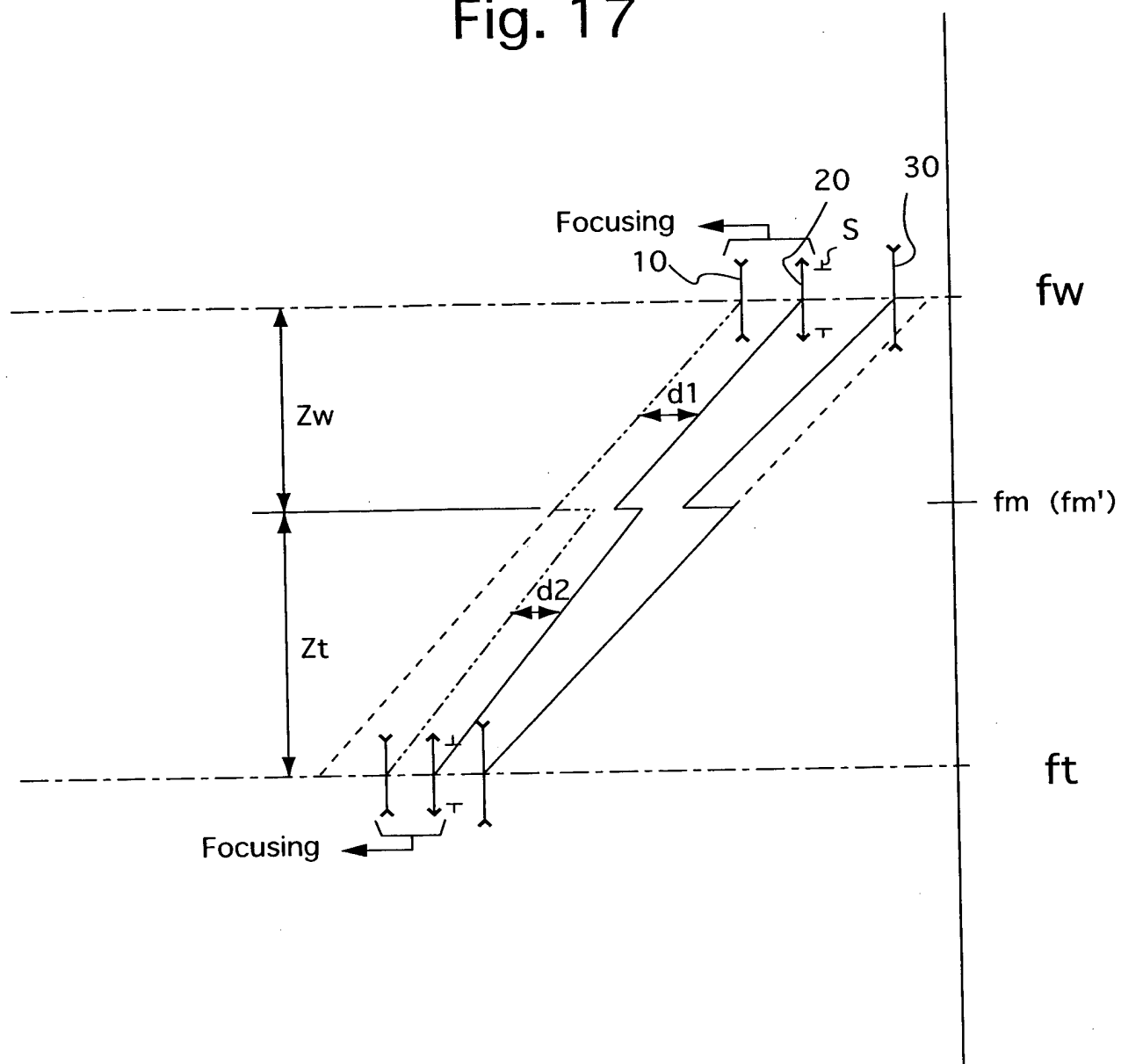


Fig. 18

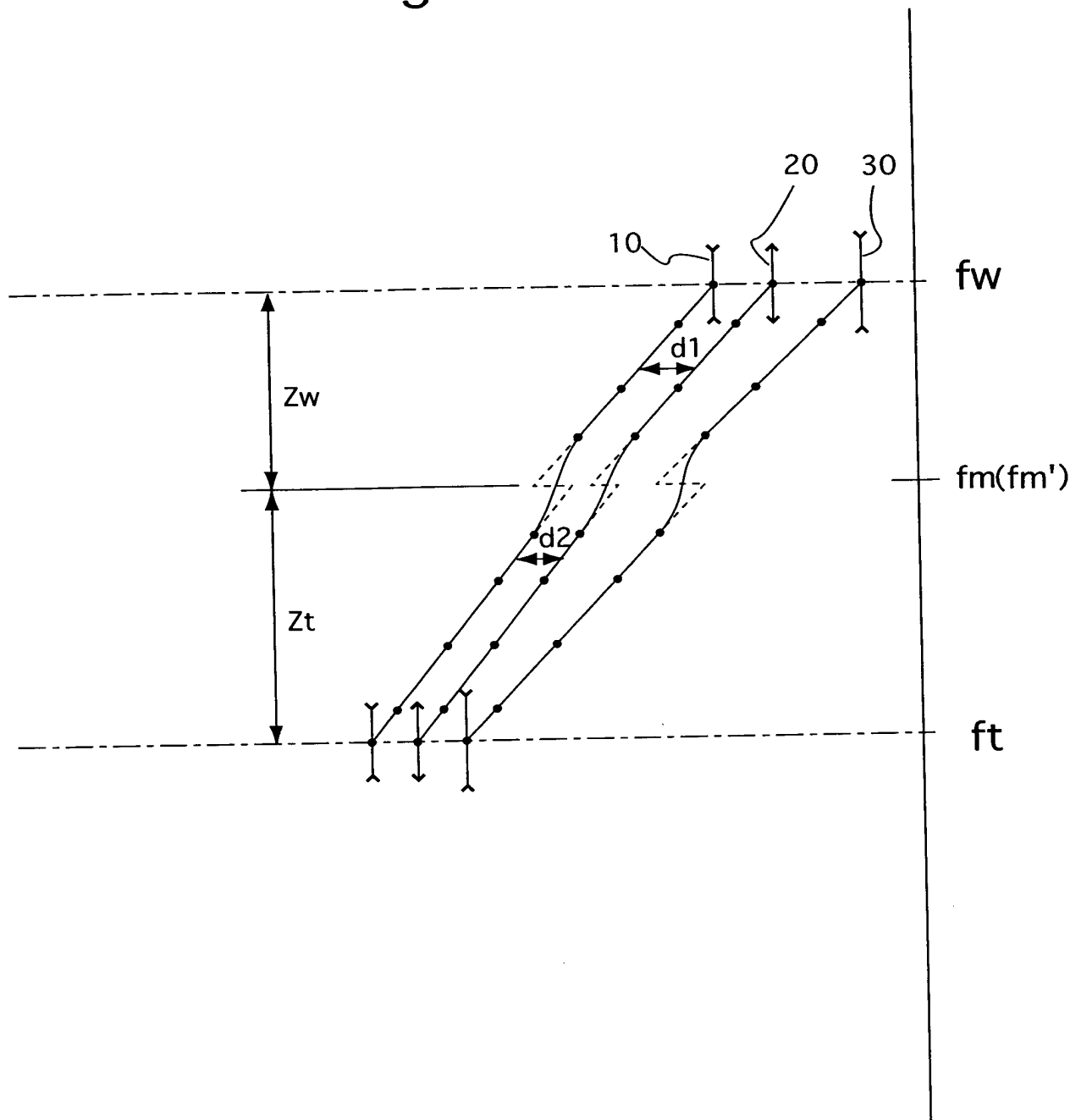


Fig. 19

